

INTERNATIONAL SEARCH REPORT

In International Application No

PCT/IB 03/04355

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/09

G11B7/125

G11B7/135

G02B27/00

G01M11/00

19 APR 2003

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B G02B G01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 353 582 B1 (KIKUCHI IKUYA) 5 March 2002 (2002-03-05) the whole document ---	1,6,7
A	US 6 229 600 B1 (MARTYNOV IOURI) 8 May 2001 (2001-05-08) cited in the application the whole document ---	1,6
A	US 5 281 797 A (TATSUNO KIMIO ET AL) 25 January 1994 (1994-01-25) abstract column 6, line 61 -column 7, line 11; figures 1,4 ----	4,5

 Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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Date of the actual completion of the international search

Date of mailing of the international search report

15 March 2004

29/03/2004

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6353582	B1	05-03-2002	JP	2000182254 A		30-06-2000
US 6229600	B1	08-05-2001	EP	0943112 A1		22-09-1999
			WO	9918466 A1		15-04-1999
			JP	2001507463 T		05-06-2001
US 5281797	A	25-01-1994	JP	5242520 A		21-09-1993